

63-14271

I. Zimmer, K.

Zimmer, Karl.
THE PRESENT STATE OF KNOWLEDGE CONCERNING MIXTURE FORMATION IN OTTO AND DIESEL ENGINES. 2 June 48, 14p. (figs. omitted)
30 refs.

Order from SLA \$1.60

63-14271

Trans. of Verein Deutscher Ingenieure. Zeitschrift
(Germany) 1939, v. 83, no. 6, p. 141-147.

DESCRIPTORS: *Fuel oil, Diesel engines, Internal
combustion engines, Combustion, Ignition, *Air,
*Fuel injection, Fuel nozzles, Combustion chambers.

(Materials--Fuels, TT, v. 10, no. 4)

Office of Technical Services

Zimmer, Karl and Seifert, Hans.
RESULTS OF TESTS ON MAN ENGINES WITH A
NEW TYPE PRE-COMBUSTION CHAMBER. [1963]

14p 4 refs

Order from SLA \$1.60

TT-64-14596

Trans. of MTZ, Motortechnische Zeitschrift (West
Germany) 1963, v. 24, no. 10, p. 333-338.

TT-64-14596

I. Zimmer, K.
II. Seifert, H.

050602

(Machinery--Engines, TT, v. 11, no. 11)

Office of Technical Services

Far Optical Absorption of Thallium Chloride, by
F. G. Smith, 20 pp.

Physical, 1959, 2. Far Infrared, Vol. 1, 1959.
12 408-511. 9093-33

ARC SCI-T-398

Sci - Phys
May 68

193, 712

Negative Feedback in Transistorized Telephone
Amplifiers, by G. Zinnraykh, D. Aityanu, 12 pp.

RUSSIAN, per, Elektrosvyaz', No 11, 1961.

AIEE

Sci

May 62

194,423

Experimental Investigation of the Elastic and
Inelastic Interaction of π -Mesons With Hydrogen
in the Energy Regions 300-370 Mev, by S. M. Koren-
chenko, V. G. Zinov, 33 pp.

RUSSIAN, rpt, publ by Joint Institute for Nuclear
Research, USSR, 1957.

ABC NP-Tr 95

Sci - Nuclear Physics
Jun 58

65,987

Elastic Scattering of 240-330 Mev π^+ Mesons
by Hydrogen, by V.G. Zinov, S.M. Korenchenko,
5 pp.

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol
XXXVIII, No 4, 1960, pp 1099-1105.

AIP
Sov Phys - JETP
Vol II, No 4

152 569

Sci
Nov 60

Elastic Scattering of 307 Mev Negative Pions by
Hydrogen, by S. M. Korenchenko, V. G. Zinov, 9 pp.

RUSSIAN, rpt, Mar 1957, publ by the Joint Inst for
Nuclear Research.

AEC Tr 3027

Sci - Nuclear Physics
Oct 57

54, 281

(DC-1451)

Scattering of 333-Mev Negative Pions on Hydrogen,
by V. O. Zinov, S. M. Korenchenko, 3 pp.

RUSSIAN, monograph, Ob'yedinsenny Institut
Yadernykh Issledovaniy Laboratoriya Yadernykh
Problemy, 1957.

US JPRS/DC-L-608

Sci - Nuclear Physics

69,546

Production of Pions by Negative Pions on Hydrogen
near the Threshold, by V. O. Zinov, S. M.
Korenchenko, 7 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XXXIV,
No 2, 1958, pp 301-311.

Amer Inst. of Phys
Sov Phys - JETP
Vol VII (34), No 2

Sci - Physics

Oct 58

74,563

The Elastic Scattering of 307 Mev π^+ -Mesons from
Hydrogen, by V. G. Zinov, S. N. Korenchenko, 3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 2 (8), 1957, pp 335-338. *CIA 9034477*

Amer Inst of Phys
Sov Phys-JETP
Vol VI (33), No 2

Sci - Phys

May 58

64, 229

Phase Shift Analysis of Scattering of 240-330
MeV Pions by Hydrogen, by V. G. Zinov, S. M.
Korotchenko, N. I. Polimordynova, G. N.
Tentyskova, 9 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII.
No 5, 1960, pp 1407-1413.

AIP
Sov Phys-JETP
Vol XX, No 5

135,471

Sci --
Dec 60

(DC-1451)

Formation of Pions by Negative Pions of Hydrogen
Near Threshold, by V. G. Zinov, S. M. Korenchenko,
19 pp.

RUSSIAN, monograph, Ob'yedineny Institut
Yadernykh Issledovaniy Laboratoriya Yadernykh
Problemy, 1957.

US JPRS/DC-L-607

Sci - Nuclear Physics

69, 547

Charge-Exchange Scattering of 240-300 Mev π^+ Mesons on
Hydrogen, by V. G. Linov, S. M. Koranchenko, 6 pp.

RUSSIAN, per, Zhur Eksp. i Teoret Fiz, Vol XXXVIII,
No 5, 1960, pp 1399-1406.

AIP
Scr Phys-JETF
Vol XI, No 5

135,470

Sci -
Dec 60

A Search for the ρ^0 Meson and a Check of the
Dispersion Relations in γN Scattering, by V. G.
Zinov, A. D. Kopin, S. M. Korenchenko, et al, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XIXVIII, No 6, 1960, pp 1708-1714.

AIP
Sov Phys-JETP
Vol XI, No 6

Sci

War 61

141,328

The Seaweeds of the Murmansk Region in the Vicinity of
the Malyy Olmuy (Nemstakiy Island), by A. D. Zinova.
RUSSIAN, per, Gosudarstvennyy Gidrologicheskiy
Institut, No 21, 1935, pp 88-97.
*Dept of Navy NCO Trans 548

A. D. ZINOVA

July 71

LINE of SIGHT, Along of South baseline and North 49
Kamchatka Islands Region, by A. D. Zinova,
Minsk, Bel, Issledov. Inst. nov
ISSL, NO VI, 1988, pp 145-141.
*1001 of 1001/1001 11 110

A. D. Zinova

1001-
1001 11

On Certain Features of the Algae Flora of the
White Sea, by Zinova, A. D., 20 p.

RUSSIAN, per, Trudy Vsesoyuz Gidrobiol Obshchestva
Tom II, 1950, pp 231-251.

SIA Tr 1503

Sci

Jun 58

65,003

E. S. Zinova

The Algae of the Arctic Ocean, by
E. S. Zinova.

RUSSIAN, per, Akademiya Nauk SSSR.

Botanicheskii Institut, Trudy. Seriya 2.

Sporovye Rasteniya, No 11, 1956,

pp 39-51.

NTC 72-60108-06C

May 72

Sea Cabbage (Laminaria) and Other Algae Which Are
of Importance To Industry, by E. S. Zinova.

~~UNCLASSIFIED~~

RUSSIAN, Izvestiya Vladovostok Tikhookeanskiy
Nauchno-Issledovatel'skiy Institut Rybnogo
Khoziaistva i Okeanografiy, Vol. I, 1928, pp 77-142.

*Navy Tr 929/HO 161

Scientific - Geophysics

67
List of Marine Algae of Southern Sakhalin and
the Southern Kurile Islands, by Z. D. Zinova,
RUSSIAN, per, Issledovaniya Dal'novostochnykh
Morya SSSR, No 6, 1958, pp 146-151.

Dept of Interior
Fish and Wildlife Service
BCF, Bureau of Foreign Fisheries

Sci-884
Jul 67

332,980

30
The Use of Azotobacterin in the Growing of Tomatoes in "Fest Blocks", by Kh. G. Zinoveva and F. N. Volkova.

RUSSIAN, ~~for Mikrobiologicheskii Zhurnal~~, Vol 19, No 2, 1957, pp 62-63.

WILL HDS 3350

Kh. G. Zinoveva

Sci-Agri
Nov 67

345,258

The Need for Objective Methods of Determining Oxidative
Deterioration of Fuels, by A. Zinov'ev.

Full translation.

RUSSIAN, per, Aviatsiya Industriya SSSR, Vol XXI,
No 6, 1950, pp 70-71.

ARC Tr 1268

Scientific - Chemistry

A13504

The System Chlorine Heptoxide - Water, by
A. A. Zinov'ev, V. Ya. Rosolovskiy, 11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 10, 1958, pp 2382-2389.

AEC-tr-4458
PL-480

Sci
Aug 62
PST-380

209,959

IX. Esters of Perchloric Acid With ~~Est~~ Certain
Polyhydric Alcohols, by A. A. Zinov'ev,
I. A. Zakharova, G. P. Kondratskaya, 7 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 10, 1958, pp 2390-2394.

AEC-tr-4458
PL-480

Sci
Aug 62
PST-380

209,960

Preparation of Dichlorine Heptoxide, by V. Ya.
Rosolovskiy, A. A. Zinov'ev, V. A. Prokhorov,
3 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol V, No 10,
1960, pp 2148-2152.

Cleaver-Hume Press

Sci

169,851

Sep 61.

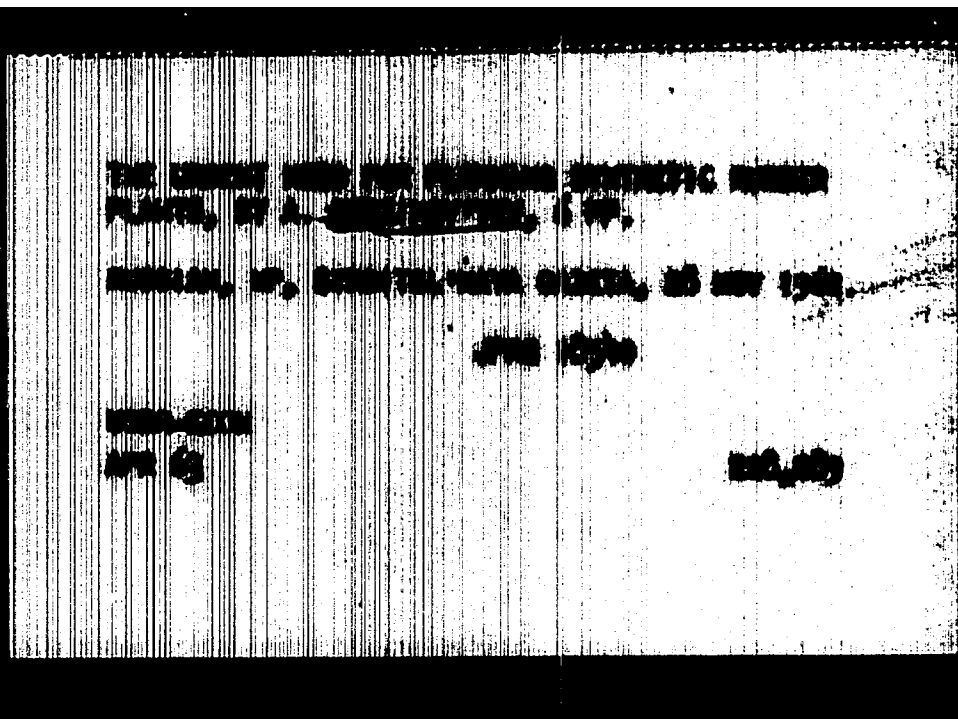
VIII. Thermal Decomposition of Anhydrous
Perchloric Acid, by A. A. Zinov'ev, A. B.
Tsvetkov, 3 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No. 1,
1959, pp 724-729.

Cleaver-Hume Press Ltd.
London

Sci. Chem
Jan 60

106,503



Diseases of the Circulatory Organs Among the
People of Kyubynhev, by P. I. Artemov,
G. M. Zinov'yev, 8 pp.

RUSSIAN, per, Sovet Zdravookhraneniye, Vol. XXI,
No 8, 1962, pp 47-50.

JPRS 15581

212,597

Sci. Med.
Oct 62

A 600 Kv Proton Injector for a Linear Accelerator,
by Yu. M. Antonov, I. P. Zinov'sv, V. P.
Babitskiy, 20 pp.

RUSSIAN, par, Atomnaya Energ, Vol VIII, 1960,
pp 454-457.

AEC NP Tr-504

Sci - Nuc Phys
9 Mar 61

141,576

~~SECRET~~ V.
DEVIL, I.

VESTNIK KHIMICHESKOY MELKHOZOSTII, vol 16, 1976

Investigation of corrosion of modern valve steels in
gaseous media and at increased temperature

Britol: Price 662, 4/20

A6954

Biogenic Activity of Neurotensin, First
Publication, by V. G. Zverev, G.
RUBENIAN, per, ~~Neuroendocrinology~~
Vol 16, No 4, 1971, pp 517-520.
CERN-68.291

V. G. Zverev
333, 653

Sci
Jul 67

Possible Uses of the Spectroscopic Method of Analysis
in Questions of the Correlation of Coal Deposits,
by V. V. Zinov'ev, UNCLASSIFIED

RUSSIAN, Iz Ak Nauk SSSR, Ser Fiz, 1948, Vol 12,
No 4, pp 475-476.

Sci Mus Lib No 52/2945

Scientific -

25 October 1952

A13505

The Radical (SO₂), Its Structure and Reactions
by A. Ya. Yakubovich, Yu. M. Zinov'ev.
RUSSIAN, per, Zhurnal Obshchei Khimii,
Vol XVII, No 11, 1947, pp 2028-2047.
SLA TT 64-16329

Yu. M. Zinov'ev

May 67

327,192

Synthesis of Organophosphorus Compounds from
Hydrocarbons and Their Derivatives. IX.
Oxidative Chlorophosphonation of 1-Butene,
2-Butene and Cyclohexene, by Yu. M. Zinov'ev,
L. E. Scherovskiy, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2,
1959, pp 615-618.

Consultants Bureau

Sci

Apr 60

112,365

Synthesis of Organophosphorus Compounds From
Hydrocarbons and Their Derivatives. VII.
Oxidative Chlorophosphonation by Means of
Alkyl- and Dialkylamidophosphorodichloridites,
by Yu. M. Zinov'ev, V. N. Kulakova, L. Z.
Sobirovskiy, 3 pp.

RUSSIAN, per, Zhur Oshchei Khim, Vol XVIII,
No 6, 1958, pp 1551-1553.

Consultants Bureau

95, 737

Sci - Chem

899 59

He³ Cryostats, by V. P. Pesikov, K. N. Zinov'eva,
A. I. Filimonov, 3 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XXXVI
(1), No 4, 1959, pp 1034-1037.

AIP
Sov Phys - JETP

Nov 59

109,893

The Soil Fauna in Different Types of Woodland in the
Byelorussian Polissya (Forest Area), by L. A. Zinov'eva.

RUSSIAN, per, Zool Zhur, Vol XXXIV, 1955, pp 965-974.

UKSM GB 146

Sci - Geophysics
Feb 58

59,527

The Question of the Wind Drift of Ice, by N. M.
Zinov'eva, T. A. Belik, 8 pp.

RUSSIAN, par, Trudy Arkticheskiy i Antarkiticheski
Issledovatel'skii Inst, No 226, 1952,
pp 136-141. 3658725

Amer Meteorol Soc
AF Cambridge Res Center
T-R-277

Sci - Geography
Dec 60

154, 662

The Question of the Wind Drift of Ice, by M. M.
Zinov'eva, E. A. Belik, 8 pp.

RUSSIAN, per, 'Trudy Arkticheskoy i Antarkticheskoy
Nauchno-Issledovatel'skoy Instituta, Vol III CCXVI,
1959, Leningrad, pp 136-141.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics

May 60

115,829

Phase Diagram for Liquid He^3 - He^4 Solutions, by
K. H. Zinov'eva and V. P. Pestukov, 4 pp.

RUSSIAN, per, Zhur Kinyer i Teoret Fiz, Vol XXXVII(10),
No 1, 1960, pp 33-37.

No 1 (7), 1959

Amer Inst of Phys
How Phys - JREF

Sci

Feb 60

108027

Diagram of State for He^3 - He^4 Solutions: Phase
Stratification and Solidification Curves, by
M. Zinov'eva, 7pp

USSIAN, per. Zhur Ekspri i Teoret Fiz, Vol XLIV,
n 6, 1968, pp 1837-1846.

Ameri Inst of Phys
Sov Phys - JETP
Vol XVII, No 6

cl
Jan 84

245,836

Properties of Bearing Materials Between 20 and
125° C, by E. E. Verner, N. S. Zinovich, 4 pp.

RUSSIAN, per, Metal i Term Obrs Metallov, No 3,
1959, pp 56-59.

HE 4548

Sci - Min/Met

May 61

148,142

Method of Least Squares in Application to Measurements,
Accompanied by Constant Errors, by V. N. Zinovaov.

RUSSIAN, bk, Spособ Naimen'shikh Kvadratov v
Prilozhenii k Izmereniyam, Soprovozhdayushchi Moya
Postoyannymi Pogreshnostyami, 1960, 59 pp.

ACIC

EX
Sci - Math

Oct 62

215,988

Effect of Concentration of Perchloric Acid on Its
Thermal Decomposition, by V. P. K Babayeva, A. A.
Zinov'eva, lpp.

RUSSIAN, per, Zhur Neorganich Khim, Vol VIII, No 3,
1963, pp 567-672. 9690025

FTD-FT-63-832

Sci. China
Jan 64

246,159

The System Chlorine Heptoxide - Water, by A. A. Zinov'yev, V. Ya. Rosolovskiy, 11 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 10, 1958, pp 2382-2389.

AEC-tr-4458
PL-460

Sci

May 62

PST 380

195,849

IX. Esters of Perchloric Acid With Certain Polyhydric
Alcohols, by A. A. Zinov'yev, I. A. Zakharova, 7 pp.

RUSSIAN, Izv. Akad. Nauk SSSR, Ser. Khim., Vol III, No 10, 1958,
pp 2390-2394.

AEC-tr-4458
PL-430

Sci

May 62

PST 380

195,850

ZINOVYEV, A. A.

THE KINETICS OF THE HYDROGENATION OF FATS* 14 pages

RUSSIAN, ZHUR PRIK KHIM, VOL XXIII, No 1, Jan 1950

Consultants Bureau Translation

A13508

*Revised Edition of
January 1950*

70,307
Kinetics of Hydrogenation of Fats, by A. A.
Zinoviev, 13 pp.

RUSSIAN, per, Zhur: Prikl Khim, Vol XXXII,
No 1, pp 99-111, 1950.

SLA R-1370

Sci
Aug 58

70,305

The Problem of the Stability of Hydroxylamine Sulfate
at Higher Temperatures, by A. A. Zinov'yev, I. A.
Zakharova, 10 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 2, 1957,
pp 253-258.

AEC-tr-4052

PL-480

Sci

Apr 61

FST No 79

145,192

Melting Point Diagram of the Perchloric Anhydride-Carbon
Tetrachloride System, by Zinov'yev, A. A. and V. Ya.
Nosolovskiy, 5 pp.

RUSSIAN, zhur Neorgan Khim, Vol I, No 11, 1956,
pp 2596-2600.

ARC-Pr-4592
PL-480

341, 160

Sol

Jun 63

(DC-3901/26)

The Logical Model as a Means of Scientific
Investigation, by A. A. Zinov'yev.
17 pp.

RUSSIAN, per, Voprosy Filosof, Vol XIV, No 1,
1960, pp 82-90.

JPRS 3731

Sci - Misc

Sep 60

125,313

Perchloric Acid and Its Derivatives, V. The
Properties of perchloric Acid and Its Pre-
parative Methods, by A. A. Zinov'yev, 6 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 5, 1958, pp 1205-1209.

AEC Tr-4453
PL-480

Sci
May 62
PST 375

194,392

The Binary System $\text{NaCl} \cdot \text{Ba}(\text{ClO}_4)_2$, by A. A.
Zinov'yev, L. I. Chudinova, L. P. Smolina, 10 pp.

RUSSIAN, per, Zhur Neorg Khim, No 1, 1956,
pp 1850-1856. 649547

Platinny Arsenal Tr 1

OTIA 4348

FDD/X-3657

Sci
Nov 59

109,502

Perchloric Acid and Its Derivatives. IV Hydrates of
Perchloric Acid, by A. A. Zinov'yev, V. P. Babayeva
8 pp.

RUSSIAN, per, Zhur Neorg Khim, Vol II, No 9, 1957,
pp 2188-2195.

ABC-tr-4059
PL-480

Sci

Aug 61

PST 86

163,411

Perchloric Acid and Its Derivatives. VII.
The Polymorphism of the Hydronium Perchlorate,
by V. Ia. Kozlovskiy, A. A. Zinovy'ev, 5 pp.

RUSSIAN, per, Zhur Georgiy Edin, Vol XII,
No 7, 1958, pp 1909-1911.

AND-12-4455
PL-440

195,139

Sci
May 62
POT 377

Thermal Decomposition of the Perchlorates of Magnesium,
Calcium, Barium and Aluminum, by A. A. Zinovyev,
A. I. Chudinova, 14 pp

RUSSIAN, per, Zhur Georg Khim, Vol I, 1956,
pp 1722-1730. 649792

OTIA 4752
FDD-X-3572

Sci - Chem
Nov 59

102, 111

The Binary System NaClO_4 - $\text{Ba}(\text{ClO}_3)_2$, by
A. A. Zilov'yev, L. I. Chudinova, L. P. Sholova.
11 pp. UNCL

RUSSIAN, per, Zhur Neorg Khim, No 1, 1956,
pp 1850-1856.

Picatinny Arsenal Tr 51

OTIA 4348

Sci - Chem
Oct 59

100,274

Stability Diagrams in the Systems LiClO_4 - $\text{Ca}(\text{ClO}_4)_2$ and NaClO_4 - $\text{Ca}(\text{ClO}_4)_2$ by M. V. Krivtsov and A. A. Zinov'yev, 12 pp.

RUSSIA, per, Zhurnal Neorganicheskoy Khimii,
EM Izdatel'stvo AN SSSR, Vol 8, No 1, 1963, pp 186-191
9669966

FD-TT-63-565

Sci. - Chem

344,067

Sept 63

The Preparation and Properties of Tetravalent
Cerium Perchlorate, by A. A. Zinovy'ev and N.
A. Eshirova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 3, 1960,
pp 540-546.

Cleaver-Bume Press

Sci

Oct 60

130,130

(NY-3000)

Mechanizing the Sections, Preparing the ~~USSR~~
Metal for Rolling and the Finishing Sections,
by P. I. Berezhkov, A. F. Zinov'yev, 4 pp.

RUSSIAN, per, Byul. Tekh-Ekon Informatsii,
No 4, 1961, pp 8-11.

JPRS 9997

166,428

USSR

Econ

17

(DC-4112).

Basic Trends in the Utilization of Natural and
Recovered Gases in the Chemical Industry in 1960
and the Following Years of the Seven-Year Plan,
by A. F. Zinov'yev, K. A. Yakovlev, 6 pp.

RUSSIAN, per, Gazovaya Prom, Vol V, No 4, 1960,
pp 30-33.

JPRS 3792

Sci - Fuels
Sep 60

125,029

Contribution to the Study of Biotic
Factors in the Natural Control of Bark
and Wood Borers, by G. A. Zinov'yev.

RUSSIAN, per, Entomolog Obozrenie,
Vol. XXXVI, 1957, pp 322-354.

CSIRO
(possible PL-480)

Bcl - Biol
Jan 62

199,348

Some Physical Properties of 2,4-Toluylene
Diisocyanate, by H. A. Gol'dberg, V. I.
Kuchumov, G. N. Zinov'ev, 3 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol. XXXII, No 12,
1959, pp 2816-2817.

CB

Sci

Nov 60

133,200

REQUEST DUP CHECK
FOR INFO ONLY

FTD(TDBDR-1)
5-19

THE UTILIZATION OF PARAMETRIC RESONANCE IN THE
10-BEV SYNCHROPHASOTRON FOR PARTICLE OUTPUT

L. P. ZINOV'YEV, I. B. ISSINSKIY, V. I. KOTOV,
YE. M. KULAKOVA, N. I. PAVLOV, K. P. MYENIKOV
INTERNATIONAL CONFERENCE ON HIGH ENERGY ACCELERATORS.
DUBNA, 1963. TRUDY. MOSCOW, ATOMIZDAT, 1964,
693-697.

Timing and Adjustment of the Injector Beam of
the Linear Accelerator, by Yu. N. Antonov, L. P.
Zakharov, I. V. Kozhukhov, 23 pp.

RUSSIAN, 1981, Joint Inst for Nuclear Research, Dubna,
THER-P-858, 9098483

AMP UCHL Tr-814

Sci - Engg
Jul 62
Lib: 70

204, 122

High-Voltage Power Supply for the Turning Plates
of a System for Injecting an Ion Beam Into the
Chamber of a 10-Bev Synchrophasotron, by
G. A. Zeitlenok, L. P. Zinoviyev, I. M. Roife,
5 pp.

RUSSIAN, per, Pribury i Tekh Eksp, No 2, 1960,
pp 16-20.

ISA

Sci

Feb 61

144,154

61-23238

Zinov'yev, M. D.
PRODUCTION OF SULPHURIC ACID FROM PETRO-
LEUM TREATMENT AND PETROCHEMICAL WASTES
(Proizvodstvo Sernoy Kisloty iz Otkhodov Nefteperera-
boki i Neftekhimii). [1961] 9p. 5 refs. [DSIR LLU]
M. 2994.

Order from OTS or SLA \$1.10

61-23238

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1959 [v. 4] no. 12, p. 14-19.

DESCRIPTORS: *Sulfuric acid, Production, Petroleum,
Processing, Chemical waste.

Diagrams and descriptions are given for (1) a low-tem-
perature process for decomposing acid sludge, (2) a
high-temperature process for decomposing spent sul-
furic acid after the alkylation process, (3) a system for
producing contact sulfuric acid in the form of oleum
from natural and petroleum sulfur, and (4) a system for
producing sulfuric acid from hydrogen sulfide by the
(Engineering-Chemical, TT, v. 6, no. 4) (over)

I. Zinov'yev, M. D.
II. DSIR LLU M. 2994

Office of Technical Services

New Evidence Relative to the Konka Deposits
of the Rostov Area, by M. S. Zinovyev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIV,
No 1, May-Jun 1957, pp 172-175.

Consultants Bureau

Sci - Geophysics
Aug 58

69, 346

Contribution to the Theory of Scattering of Ions
from Metal Surfaces, by V. N. Vapnik, L. G. Garvich,
N. V. Zinov'ev, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XLIV,
No 6, 1960, pp 685-688.

CTT

Sci
Aug 61

163,889

Modern Hot-Blast Cupolas for Steel-Melting
Plant, by M. V. Zinovyev, UNCL.

RUSSIAN, per, Stal, Sep 1958, pp 796-799.

British Iron and
Steel Ind 1132
(13 5s.04)

Sci - Engr
Apr 59

84,730

1.
Analysis of a Discrepancy in the Quantity of
Lead in the, by H. G. Ziegler. 1958

RUSSIAN, Jan, 1958, No. 1, pp. 1-10.

British Iron and
Steel, 1958
(15 156.01.)

Ed. - H. G. Ziegler
Pub. - 1958

19 156

Educational Work Under New Conditions, by
S. I. Zinovyev, 4 p.

RUSSIAN, per,

Internl Arts
and Sci Press
Soviet Education
Vol II, No 2

USSR - Soc
Apr 60

111, 716

Enzymatic Activity of Nematodes Parasitizing Plants,
by V. G. Zinov'yev, 6 p.

RUSSIAN, per, Zoologicheskii Zhurnal, 1957,
Vol XXXVI, No 4, pp 617-620.

SLA 59-15307

Sci
Dec 59
OTS Vol 2, No 6

103,799

Diatomaceous Clays in the Upper Oligocene Deposits of
South Mangyshlak, by A. V. Kochanov, V. V. Zinovyev,
M. M. Mstislavsky, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 4,
1960, pp 905-908.

AGI

Sci

Jim (L)

157,870

KINOVLY, V. YA

12 OCT, 1950
1950Mechanization of Thread
Production

Exports:

1950

Russian

0000 Tr, QMR-1

QMR-293

Not Classified

A 13507

INDICATORS OF LABOR MECHANIZATION, BY YU.
ZINOVYEV, 7 PP.

RUSSIAN, PER, VEST STATISTIKI, NO 10, OCT
1962, PP 40-51.

JPRS 16871

USSR
ECON
JAN 63

218,655

The Full Esters of the Isomeric Chlorofluoroothane
Phosphonic, by Yu. M. Zinovyev, T. G. Spiridonova,
L. Z. Bobrovskiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11,
1959, pp 3594-3597.

CB

Sci
Nov 60

132, 721

Allyl Esters of Some Alkane-, Alkene- and
Chloroalkanephosphinic Acids, by L. Z. Soborovskiy,
Yu. M. Kinovyev, 2 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2152-2154.

CB

Sci

Aug 60

124, 673

Interaction of Phosphorus Pentachloride with
some Halogenated Olefins, by Yu. M. Zinovyev,
V. N. Kulakova, L. Z. Soborovsky, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol 27, No 1,
1957, pp 151-155.

Consultants Bureau

Sci - Chem

Jun 58

65,342

The Synthesis of Organophosphorus Compounds from Hydrocarbons and Their Derivatives. VI. The Oxidative Chlorophosphination of Cyclohexane and Propylene Using Phenyl dichlorophosphine, by Yu. M. Zinovyev, L. Z. Soborovskiy, 2 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXVI, No 11, 1956, pp 3030-3031.

Sci - Chem
Jul 58

Consultants Bureau

67,569

Full Nature of Some Halogenated Alkane- and
Alkenephosphonic Acids, by Yu. M. Zinovyev,
L. Z. Soborovskiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XLIX, No 12,
1959, pp 3954-3956.

CB

Sci

Nov 60

133,218

Synthesis and Properties of Alkyldifluorophosphines,
by V. I. Kulakova, Yu. M. Zinowjev, L. Z. Soborov-
skiy, 3 pp.

RUSSIAN, per, Zhur Onshch Khim, Vol XXIX, No 2,
1959, pp 3957-3958.

CB

Sci

133,219

Nov 60

Synthesis of Organophosphorous Compounds from
Hydrocarbons and Their Derivatives. III.
Reaction of Acetylenic Hydrocarbons With Phos-
phorous Trichloride and Oxygen, by Yu. M.
Zinovyev, L. I. Melzer, L. Z. Soborovsky, 5 pp.

~~RUSSIAN~~, no per, Zhur Obshch Khim, Vol XXIV, No 2,
USSR, Feb 1954, pp 380-384. CIA D 151278

Consultants Bureau

Scientific - Chemistry

CBS 67/Apr 55

22,932

Synthesis of Organophosphorus Compounds From
Hydrocarbons and Their Derivatives. IV. Formation
of Derivatives of Dialkylphosphinic Acids From
Alkyl Dichlorophosphines, Hydrocarbons and Oxygen,
by L. Z. Soborovskiy, Yu. M. Zinovyev, 3 pp.

Full translation.

RUSSIAN, no per, Zhur Oshch Khim, Vol XXIV, No 3,
USSR, Mar 1954, pp 516-519. CIA D 151317

Consultants Bureau

Scientific - Chemistry 2284 CTS 68/May 55

Synthesis of Organophosphorus Compounds From
Hydrocarbons and Their Derivatives. XII.
Oxidative Phosphochlorination of Halogenated
Alkanes, by Yu. M. Zinov'yev, L. Z. Soborovskiy,
3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2643-2645.

Consultants Bureau

Aug 60

126,728

Synthesis of Organophosphorus Compounds From
Hydrocarbons and their Derivatives. XII,
Oxidative Chlorophosphonation of Halogenated
Alkanes, by Yu. M. Zinov'yev, I. Z. Soborovskiy,
5 p.

RUSSIAN, per, Zhur Obshchey Khim., 1959, Vol XXIX,
No 8, pp 2643-2646.

ATS-81135N

PTS RI-2131

111 669

Sci
Apr 60
Vol III, No 2

Synthesis of Organophosphorus Compounds from
Hydrocarbons and Their Derivatives. XIV.
Oxidative Chlorophosphination of Vinyl Chloride
by Methylchlorophosphine and the Preparation
of Some Esters of Dialkylphosphinic Acids,
by Yu. M. Zinov'yev, L. Z. Boborovskiy, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX,
5, 1960, pp 1571-1573.

CB

164,680

ci

61

Synthesis of Organophosphorus Compounds From Hydrocarbons and Their Derivatives. XI. Oxidative Chlorophosphination of Nitriles, by R. I. Bystrova, Yu. M. Zinov'yev, L. Z. Soborovskiy, 4 pp

Russian, per. Zhur Obshch Khim, Vol XXIX, No 6, 1959, pp 2088-2091.

Consultants Bureau

Sci - Chemistry

122,026

Synthesis of Organophosphorus Compounds from Hydrocarbons and Their Derivatives. X. Oxidative Chlorophosphination of Certain Ethylene Derivatives, by L. Z. Soborovskiy, Yu. M. Zinov'yev, T. G. Spiridonova, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 4, 1959, pp 1139-1141.

Consultants Bureau

Sci

Jun 60

117,643

Dynamics of Chemical Conversions in Flow
Reactors With Internal Mixing, by
A. P. Zinkov'yeva, D. I. Orochko, 10 pp.

RUSSIAN, per, Khim i Tekh Tsv Topliv i Masel,
Vol IV, No 11, 1959, pp 41-48.

SLA 60-18067

Encl
Vol IV, No 9
Mar 62

187, 011

Autocatalytic Reaction Kinetics under Flow Con-
ditions, by A. P. Zinov'yeva and D. I. Orochko,
7 pp.

RUSSIAN, per. Kinetika i Kataliz, Vol III, No 3.
1962, pp 385-392.

CB

Sci

Apr 63

233,676